

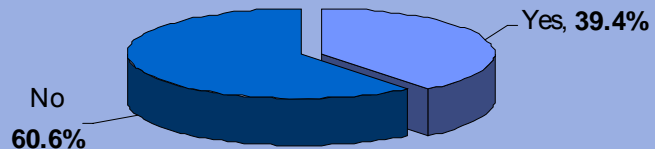
A photograph of a large, modern university building with red brick and white architectural accents. The building features a prominent arched entrance on the left and a circular section with a white roof and arched windows in the center. A person is walking in the foreground on the left, and a few other people are visible near the entrance. The sky is clear blue.

# University of Utah Student, Faculty, & Staff Survey Analysis

May 12, 2004

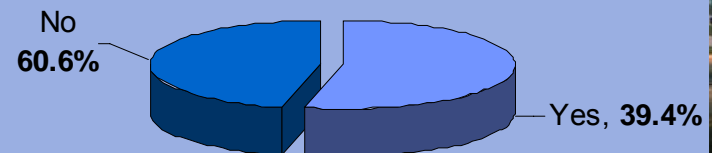
A photograph of a modern university building at night, featuring a large, illuminated blue vertical architectural element. The building has a white, angular facade and is set against a dark blue sky. Other city buildings are visible in the background.

**Do you use Campus Facilities?**



**Students**

**Do you use Campus Facilities?**



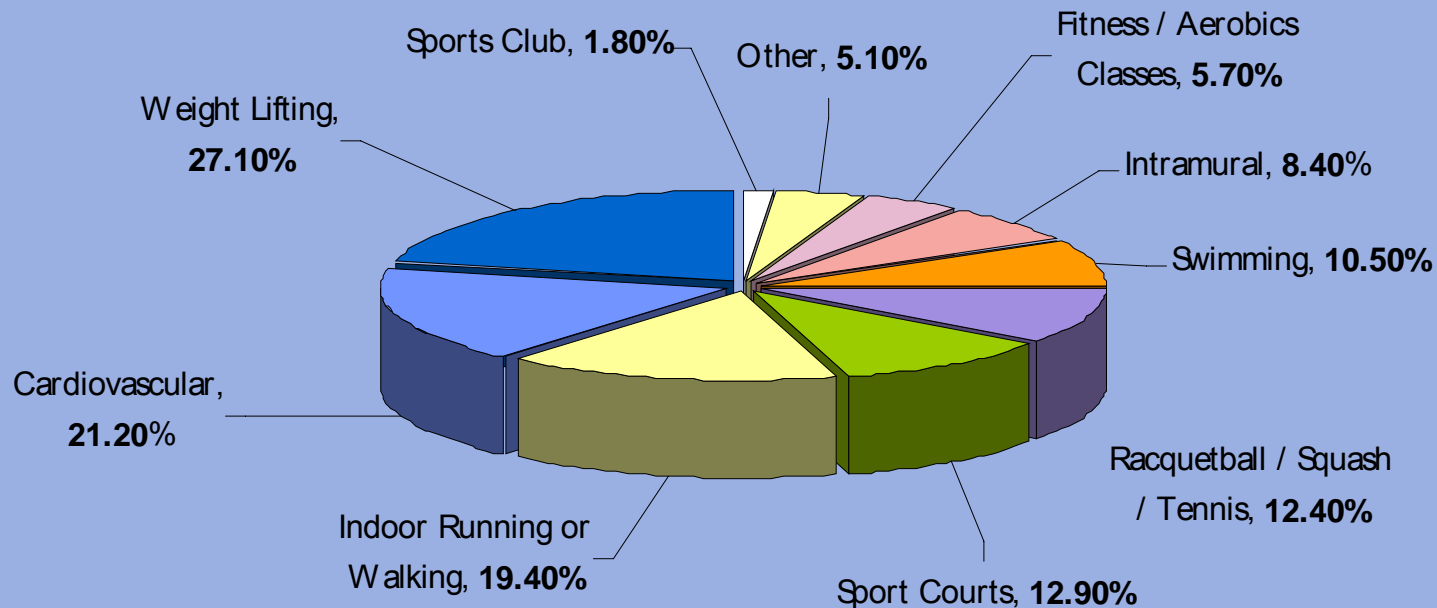
**Faculty & Staff**

# Survey Statistics

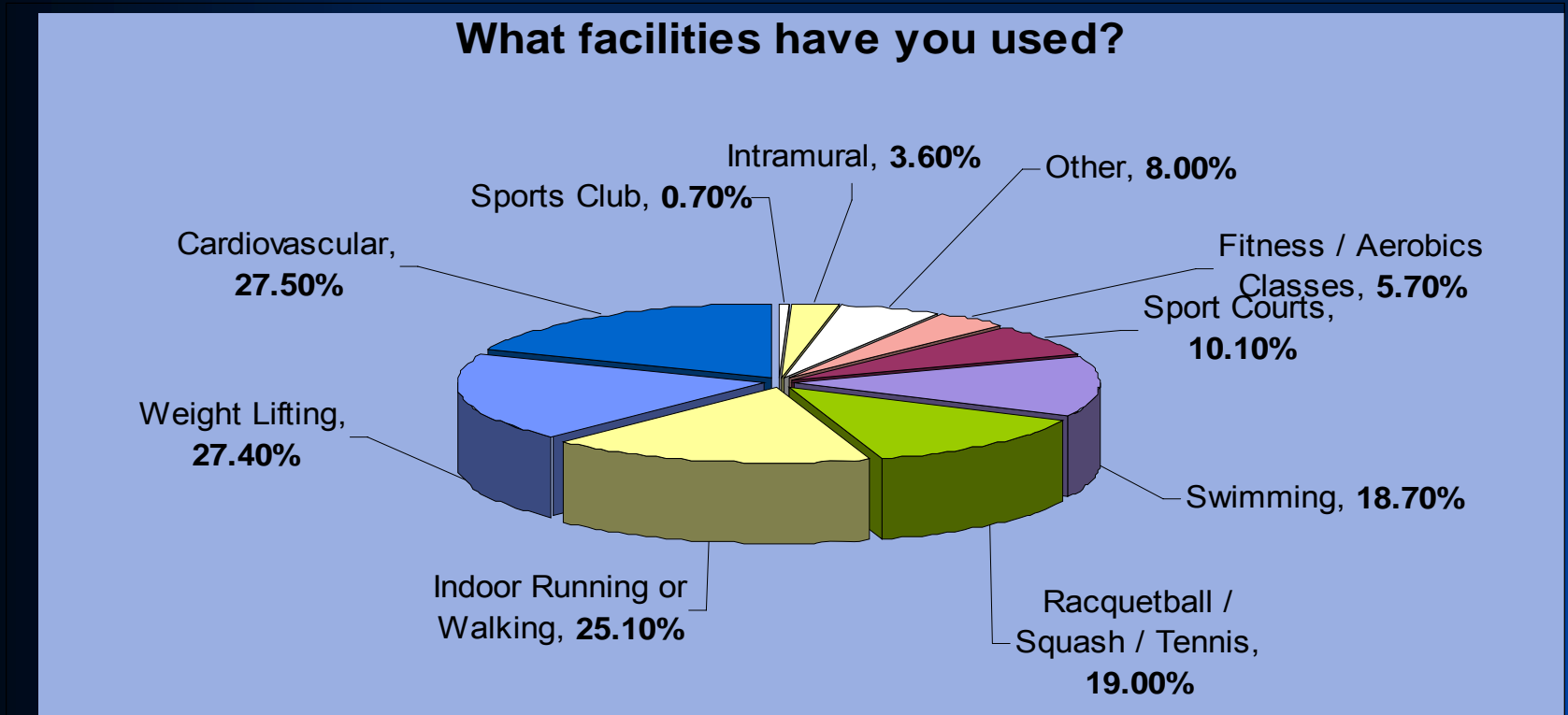
- 16 Questions
- Random Mailing to Faculty, Staff, & Students
- 3.2% +/- Variance
- 830 Student/804 Faculty & Staff Responses
- Three Part Survey Analysis
  - Participation, Fee Tolerance, Demographics

# Student Existing Pattern of Use

What facilities have you used?



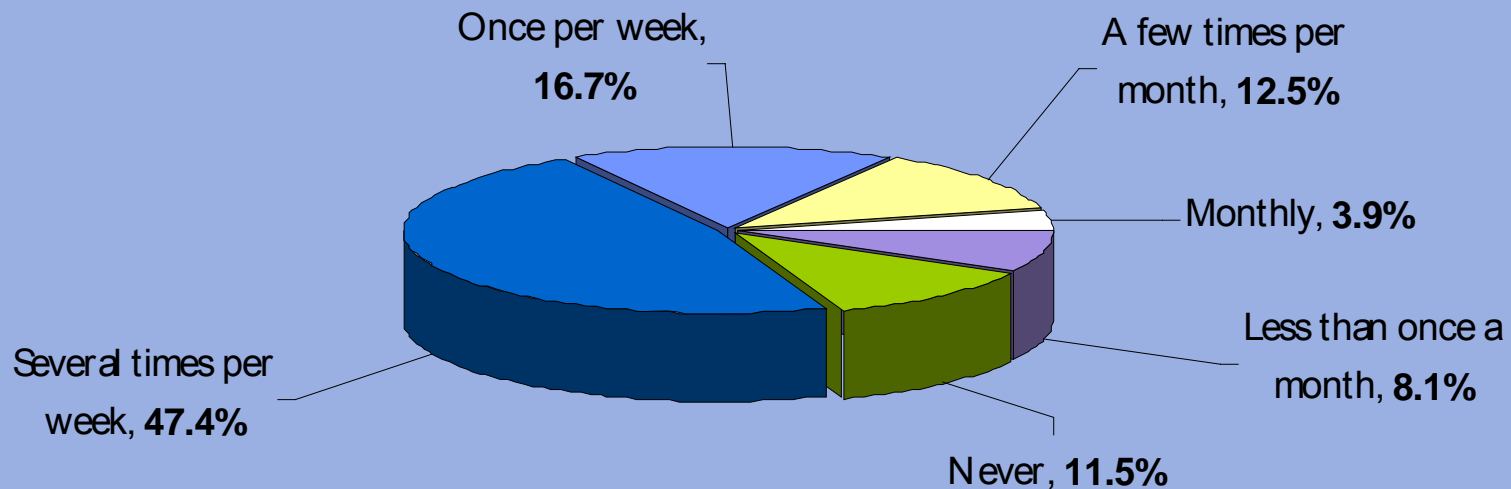
# Faculty & Staff Existing Pattern of Use





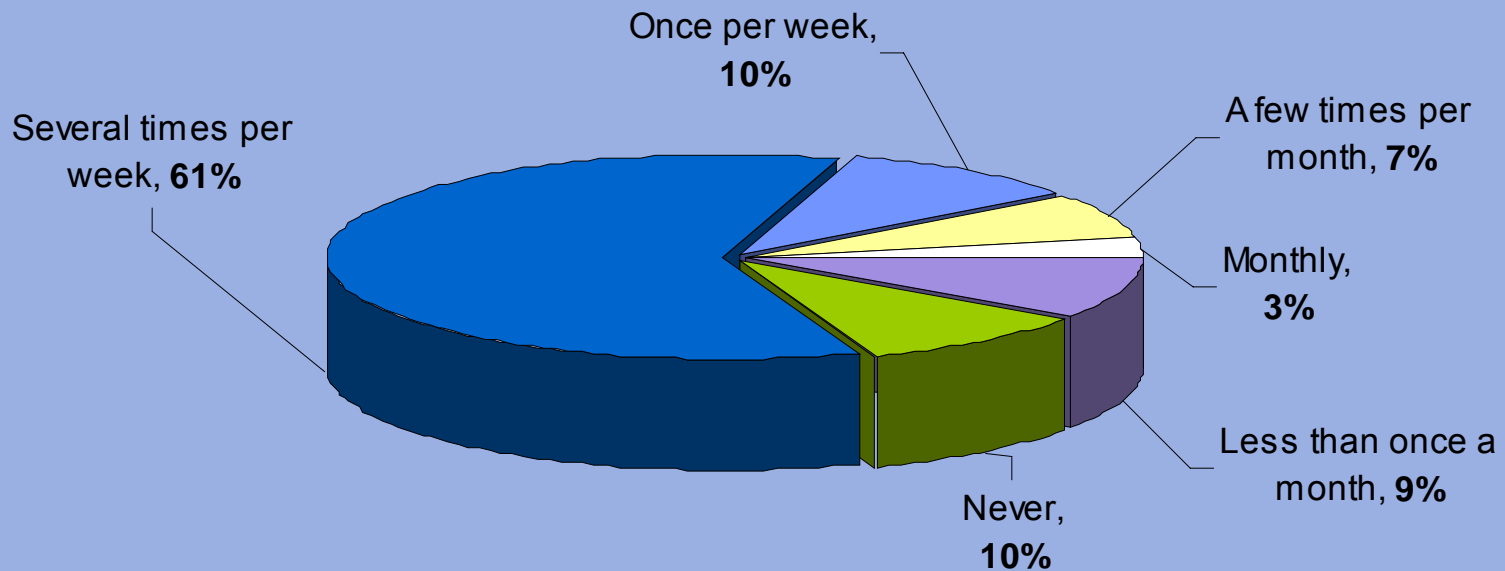
# Student Existing Utilization Frequency

## How often do you use Campus Facilities?



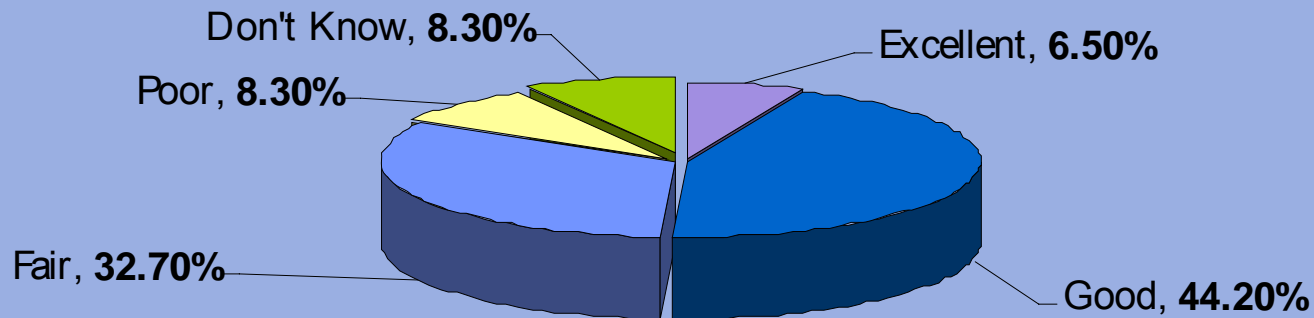
# Faculty & Staff Existing Utilization Frequency

## How often do you use Campus Facilities?



# Student Perception of Existing Facilities

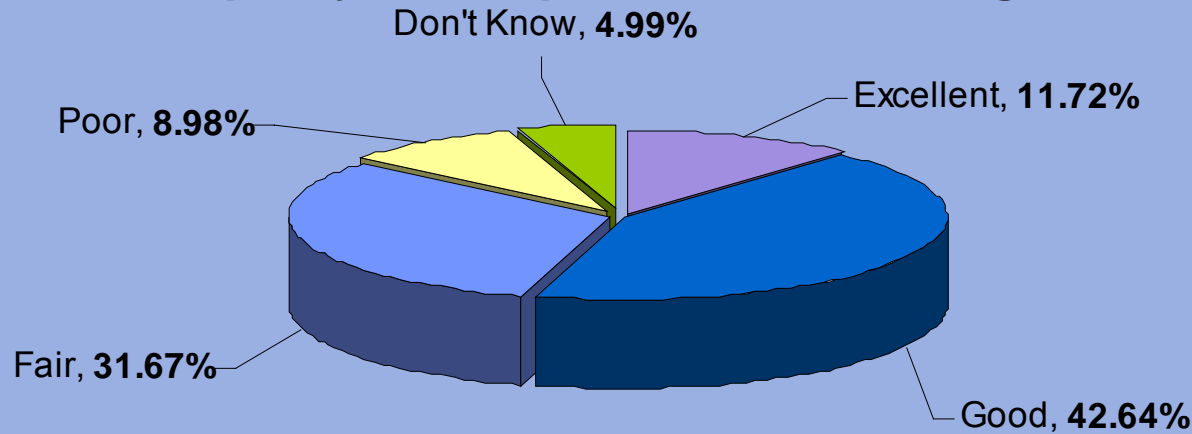
## Rate the quality of Campus Facilities & Programs





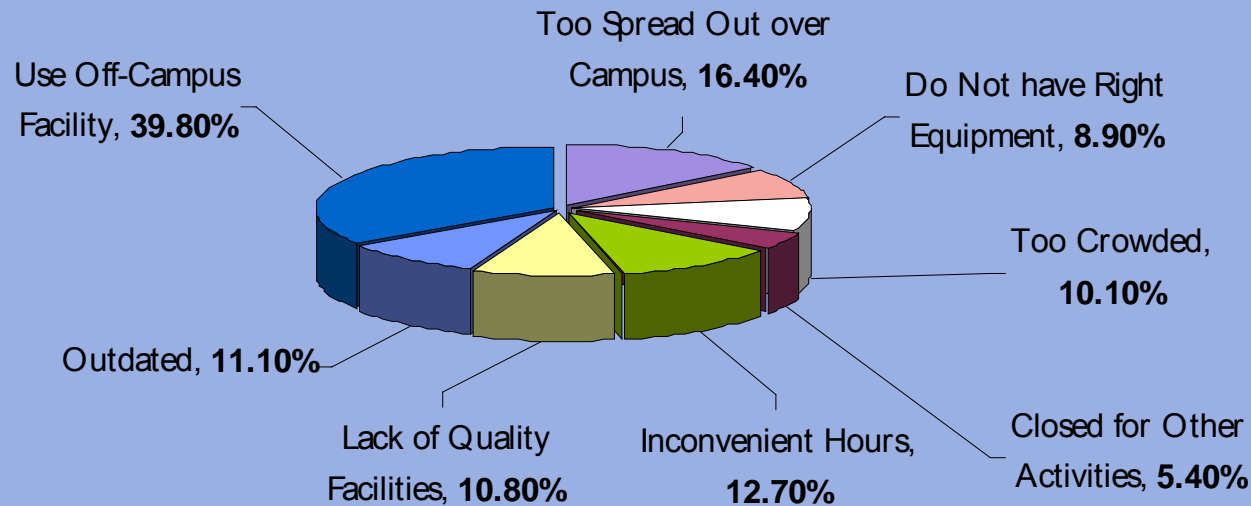
# Faculty & Staff Perception of Existing Facilities

## Rate the quality of Campus Facilities & Programs



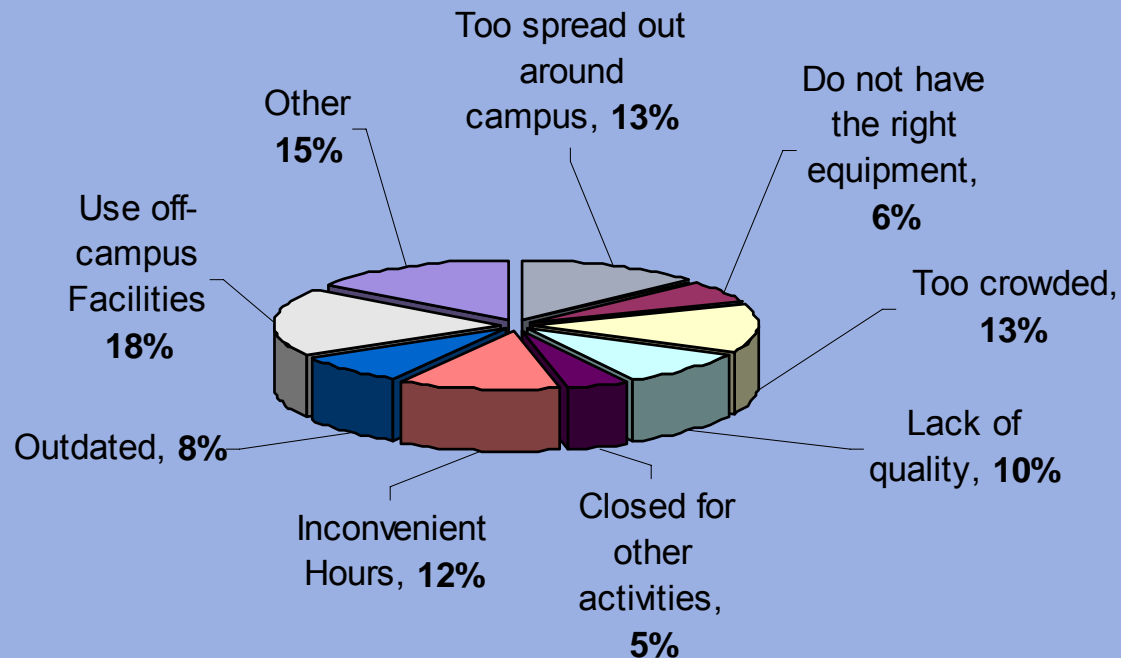
# Student Reasons for Non-Participation

## Why don't you use Campus Facilities?



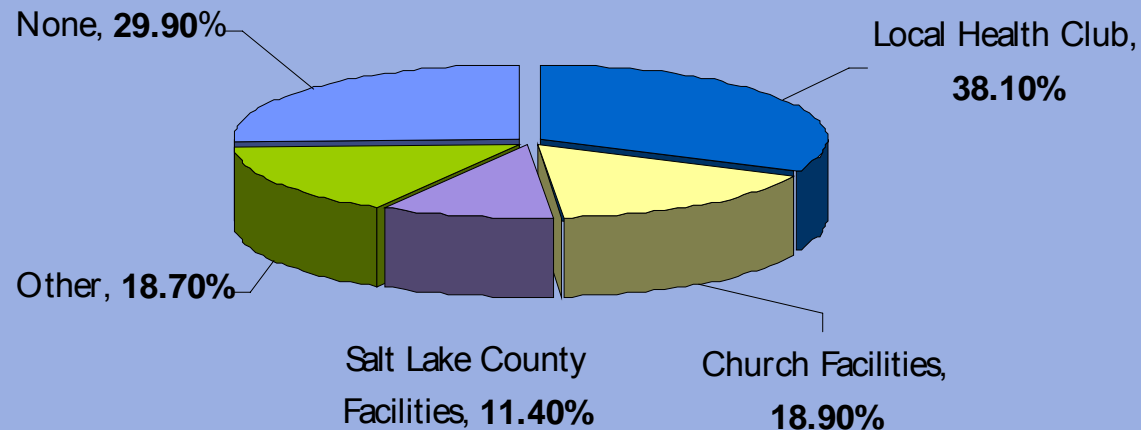
# Faculty & Staff Reasons for Non-Participation

**Why Don't You Use Campus Facilities**



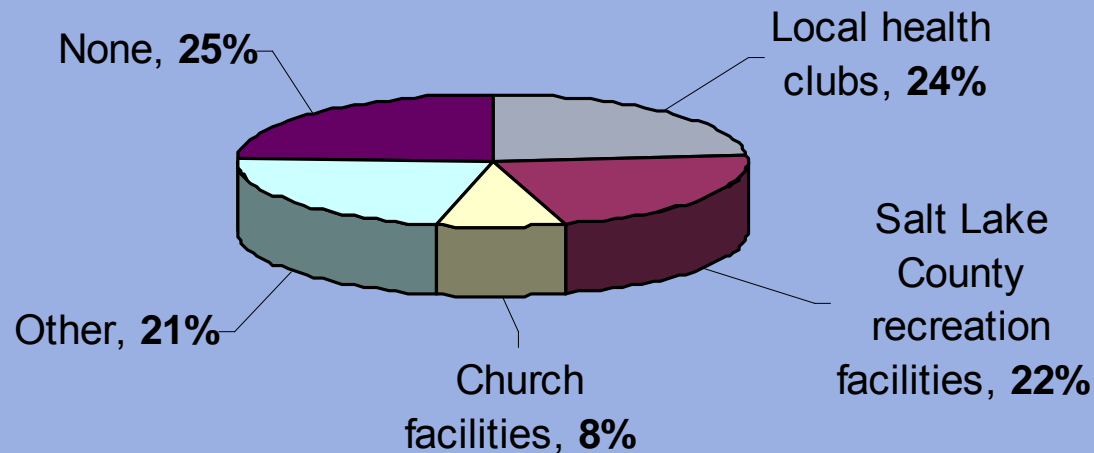
# Student Non-Participant Alternative Use

## What Facilities do you Currently Use?



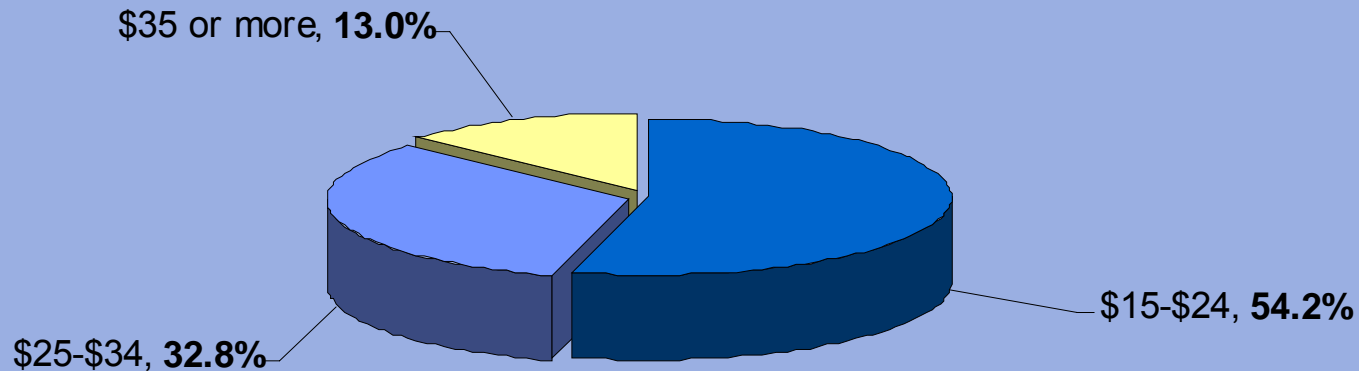
# Faculty & Staff Non-Participant Alternative Use

**What Facilities Do You Currently Use**



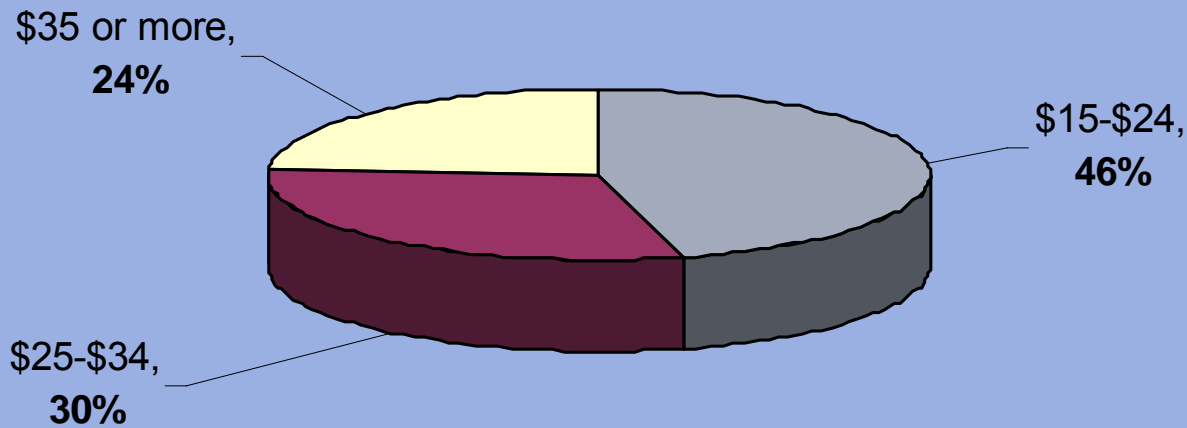
# Student Alternate Provider Costs

## Fees you Pay for Alternate Provider



# Faculty & Staff Alternate Provider Costs

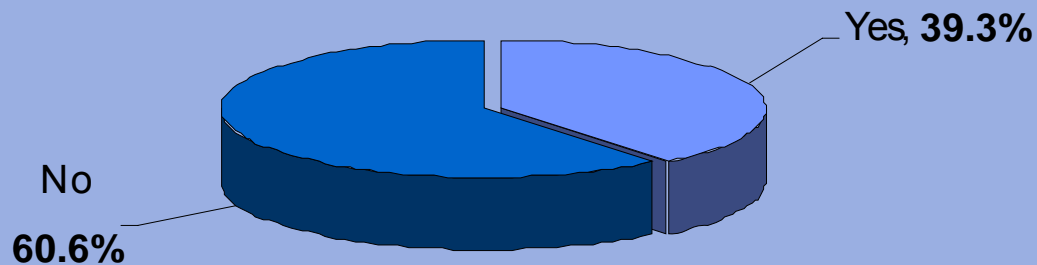
**Fees You Pay Alternative Provider**



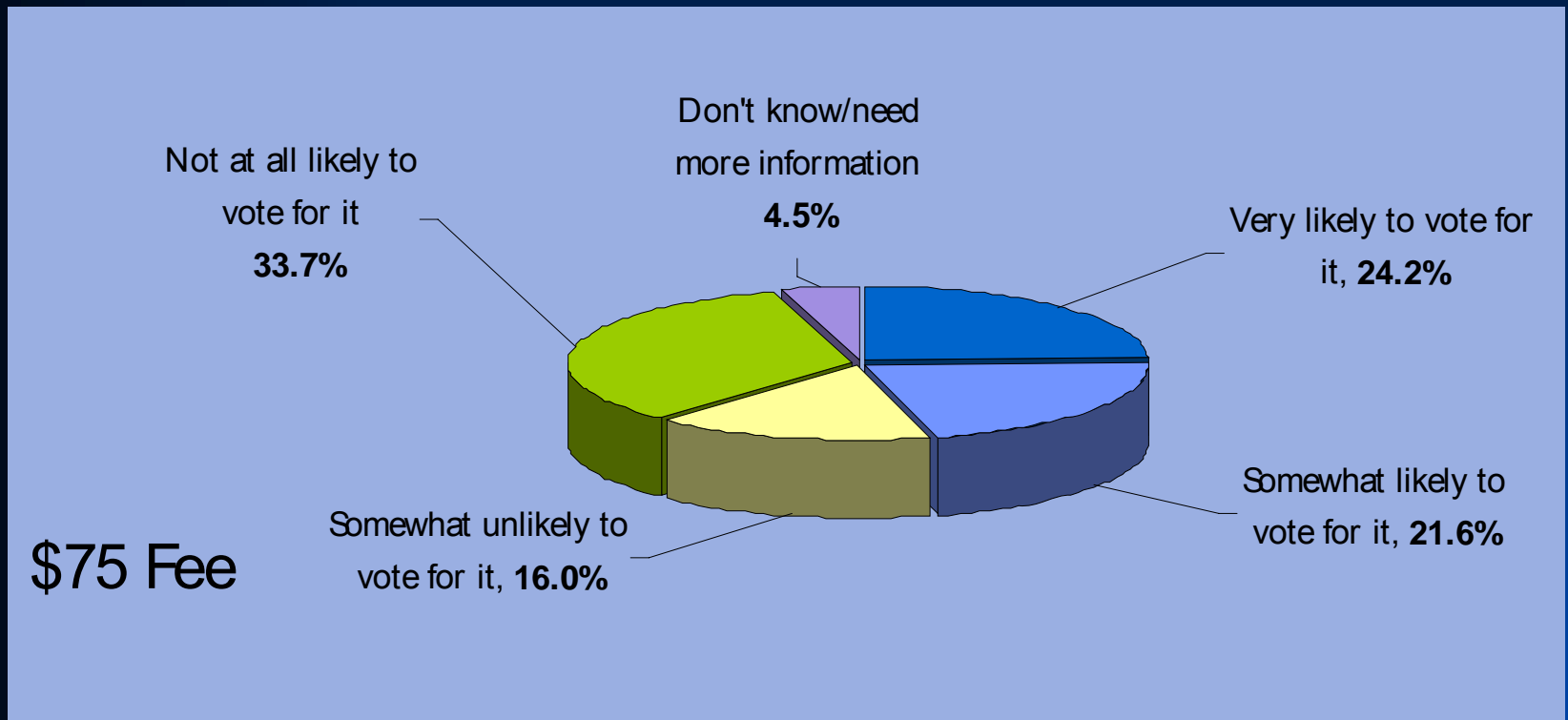


# Student Passive Recreation Availability on Campus

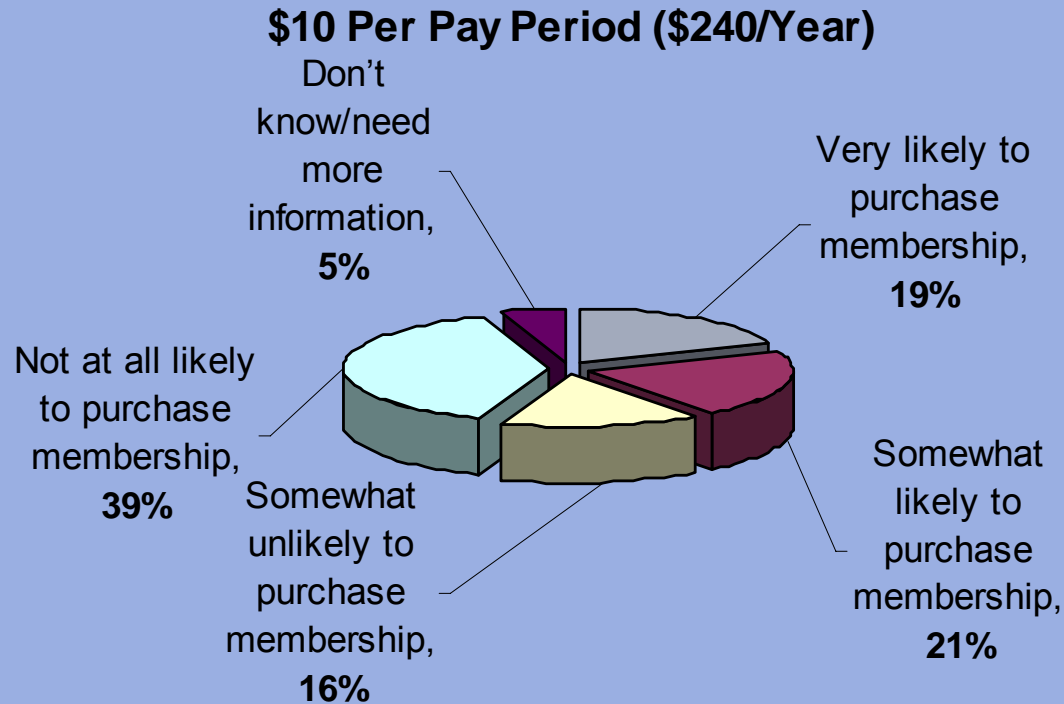
**Do you have a Place on Campus to Relax or Socialize?**



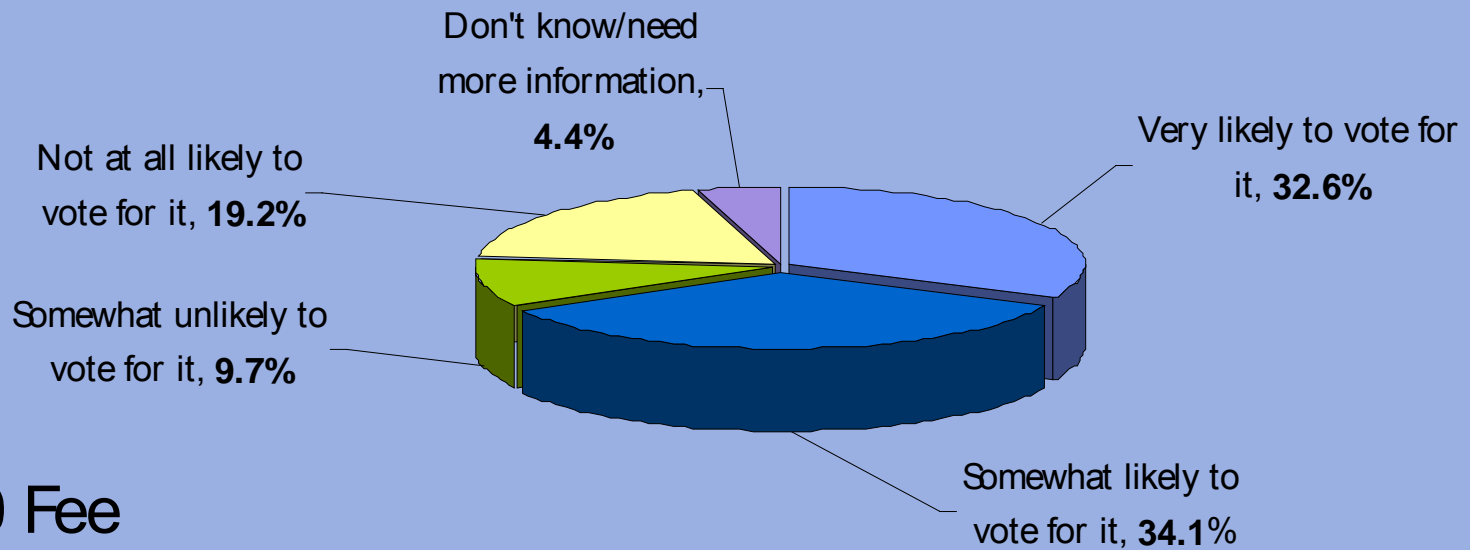
# Option A – Student Level of Support



# Option A – Faculty & Staff Level of Support

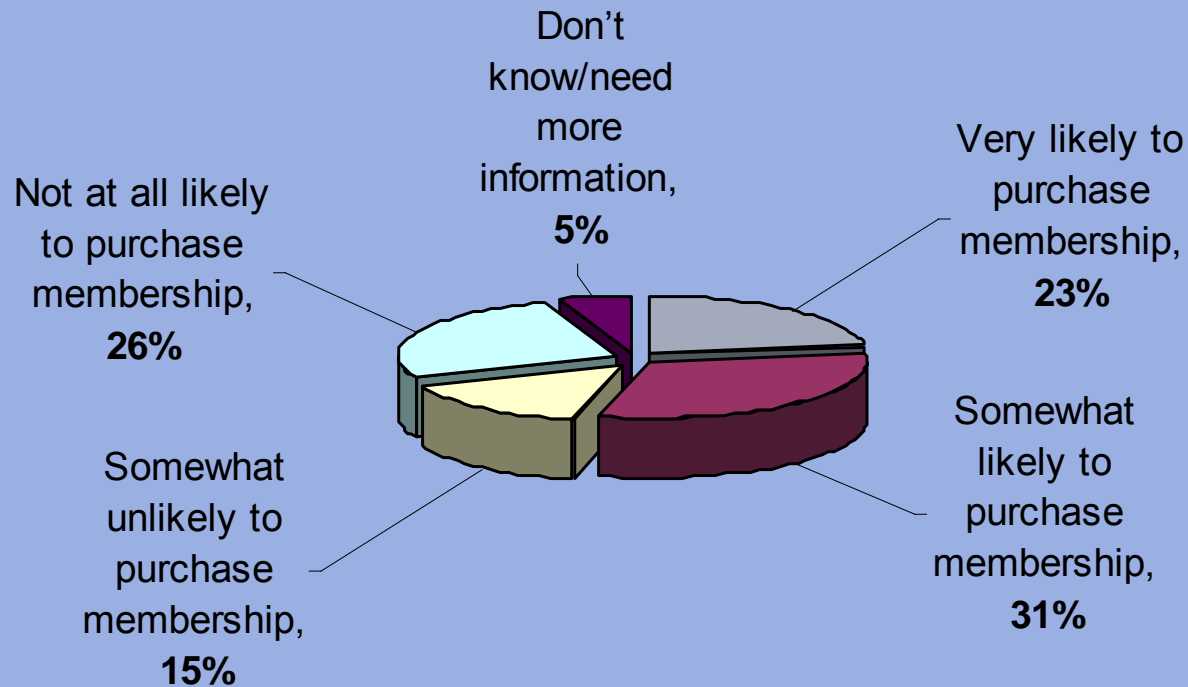


# Option B – Student Level of Support

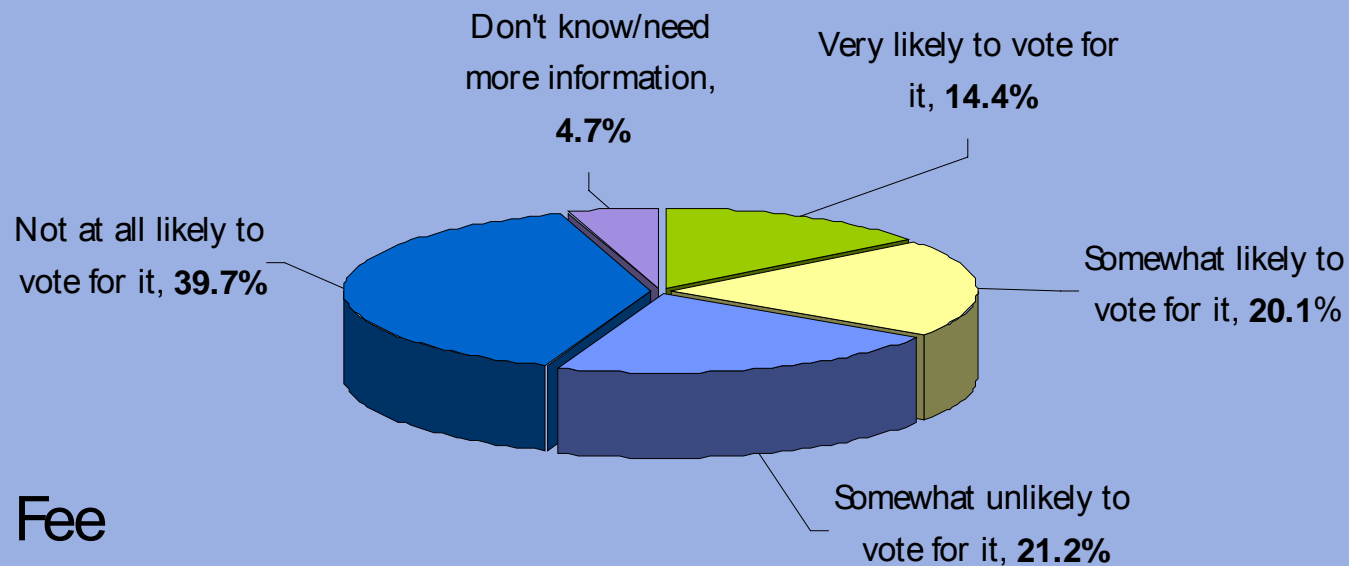


**\$60 Fee**

# Option B – Faculty & Staff Level of Support



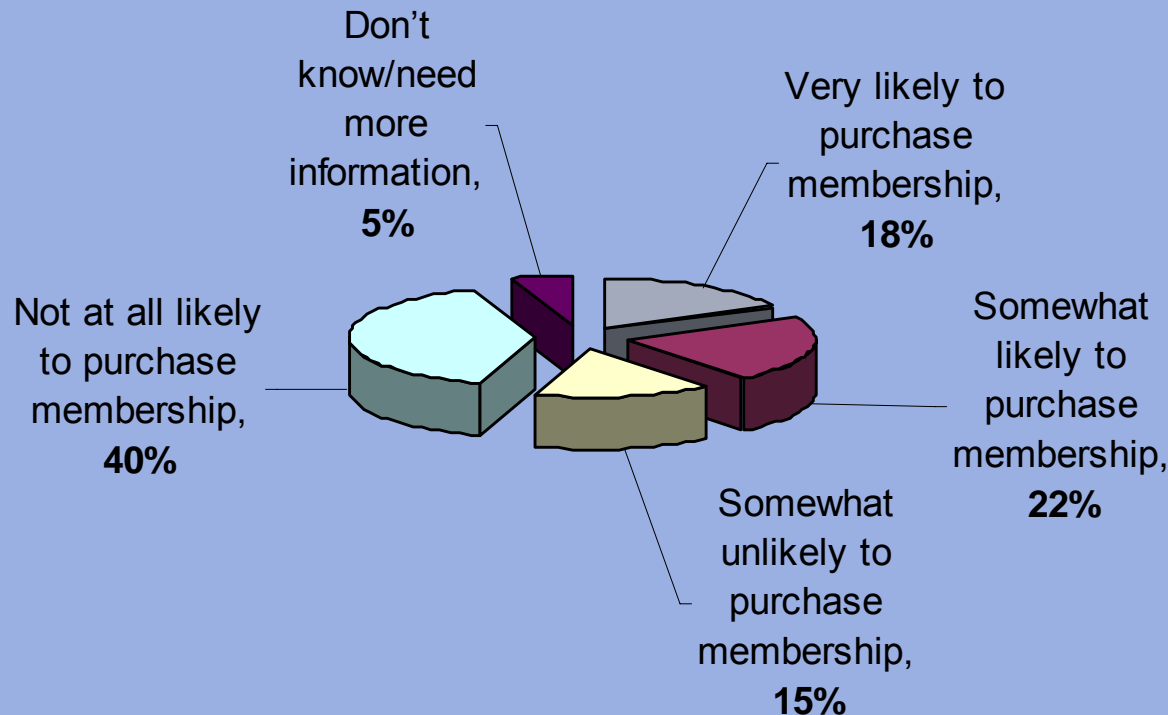
# Option C – Student Level of Support



\$45 Fee

— — — —

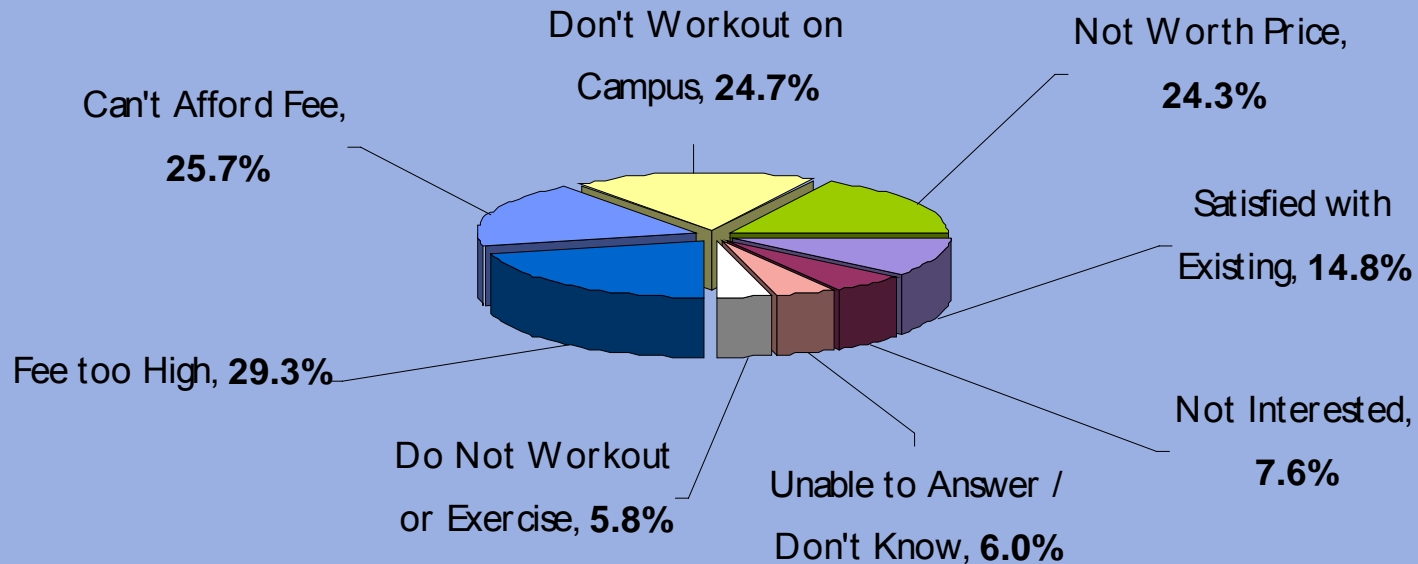
# Option C – Faculty & Staff Level of Support



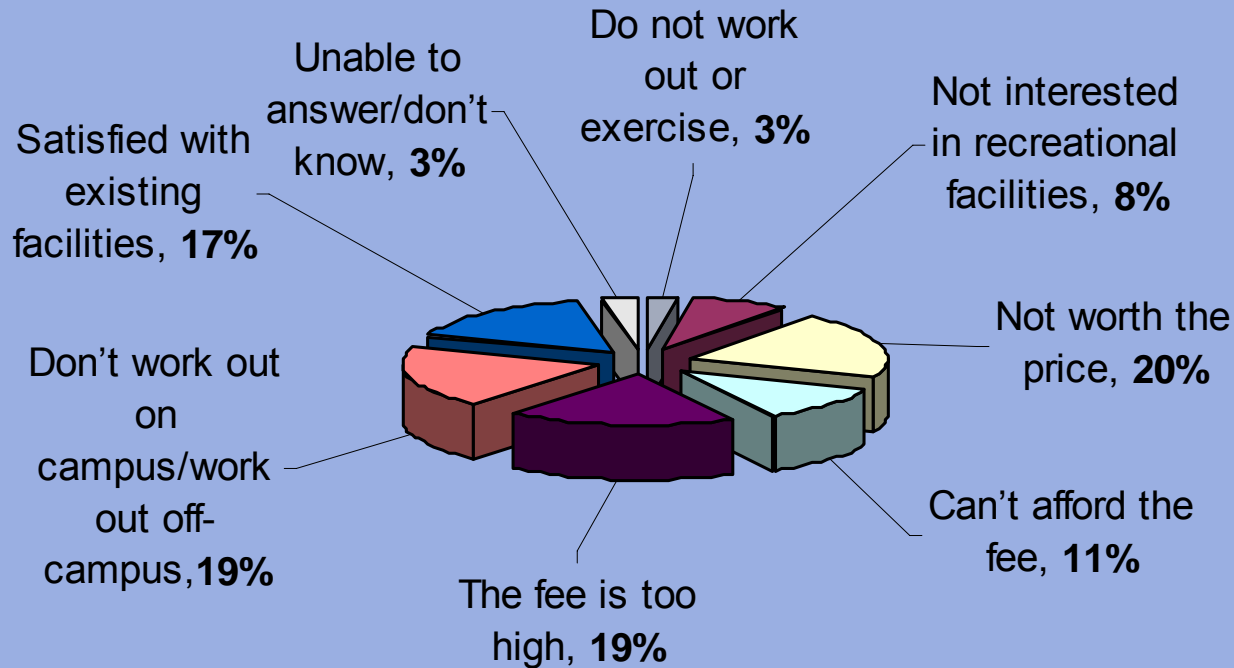


# Student Opposition to A, B or C

## Major Reason for Not Supporting new Facility

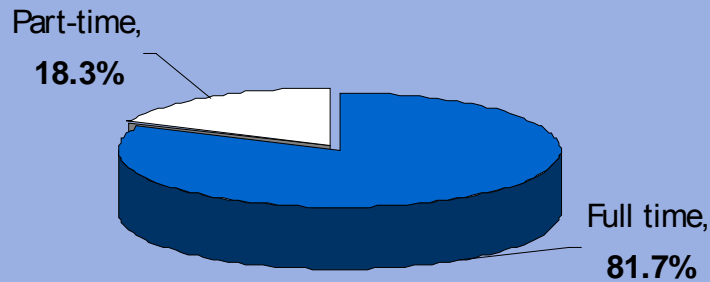


# Faculty & Staff Opposition to A, B or C

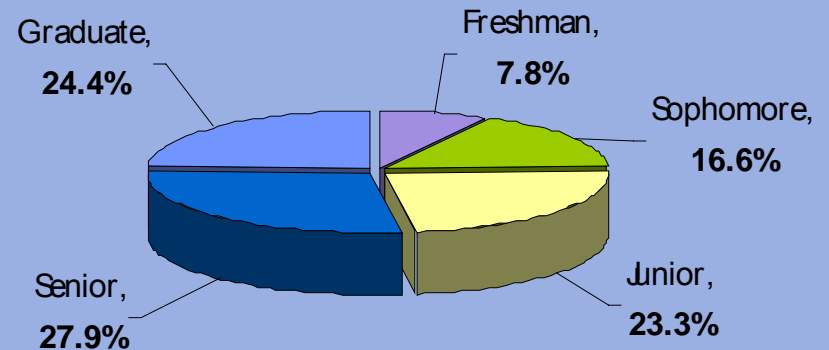


# Student Survey Enrollment Data

## Enrollment Status

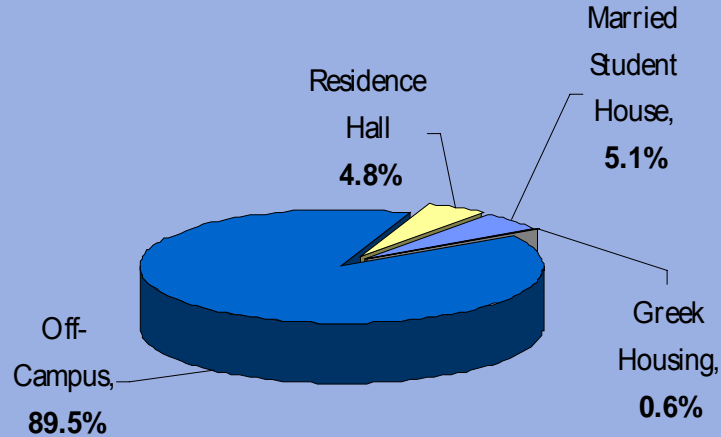


## Student Status

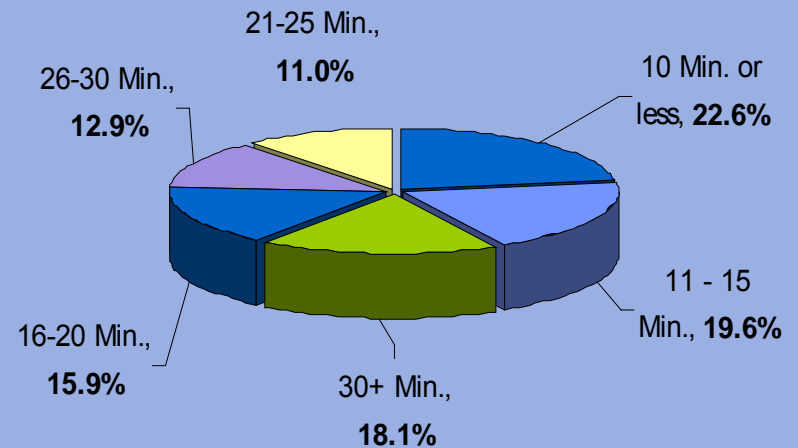


# Student Survey Demographics

Where do you live?

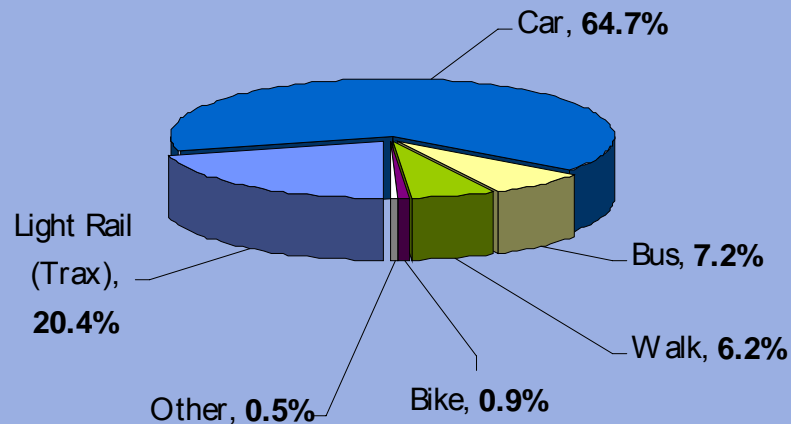


Travel time to Campus

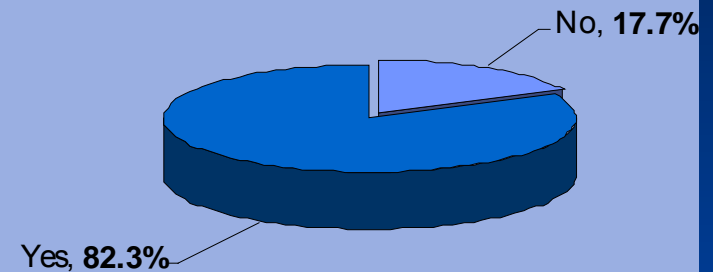


# Student Survey Demographics

**How do you get to Campus?**

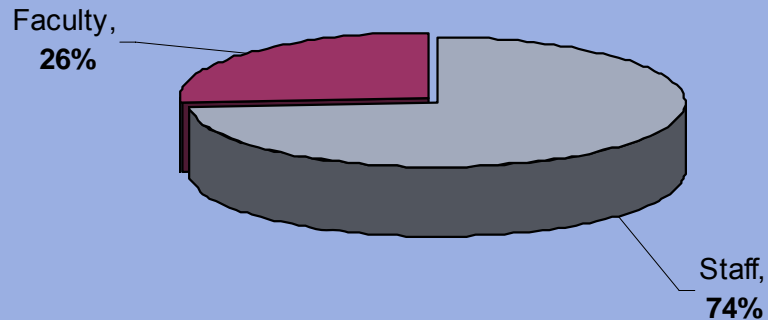


**Do you Work?**

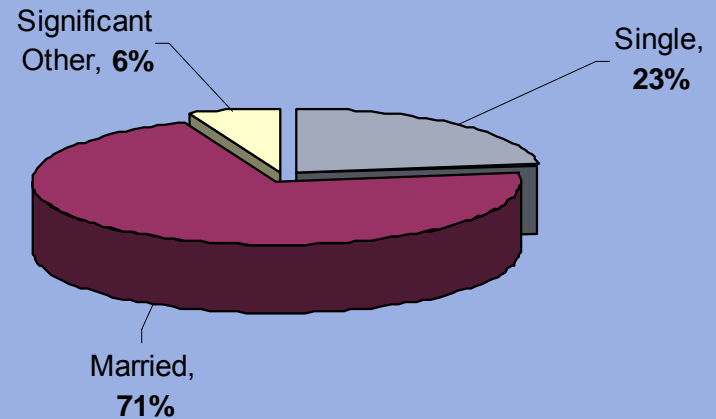


# Faculty & Staff Survey Demographics

What is Your Position?

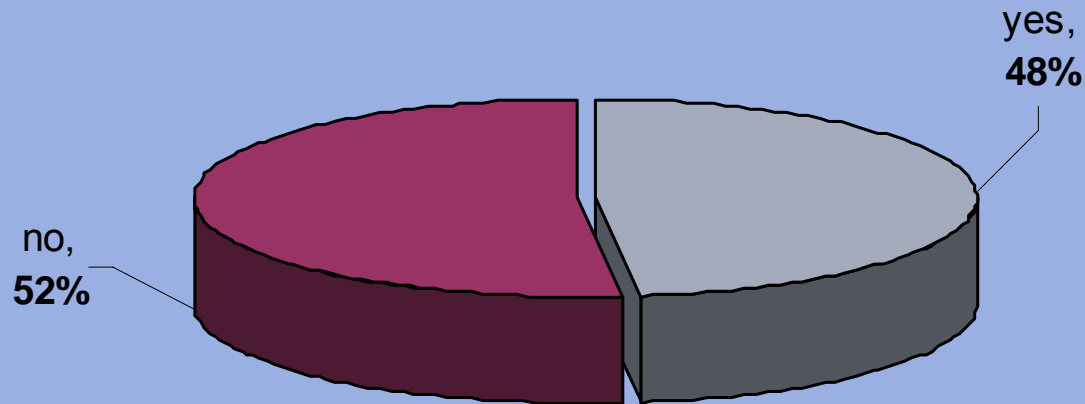


What Is Your Marital Status?



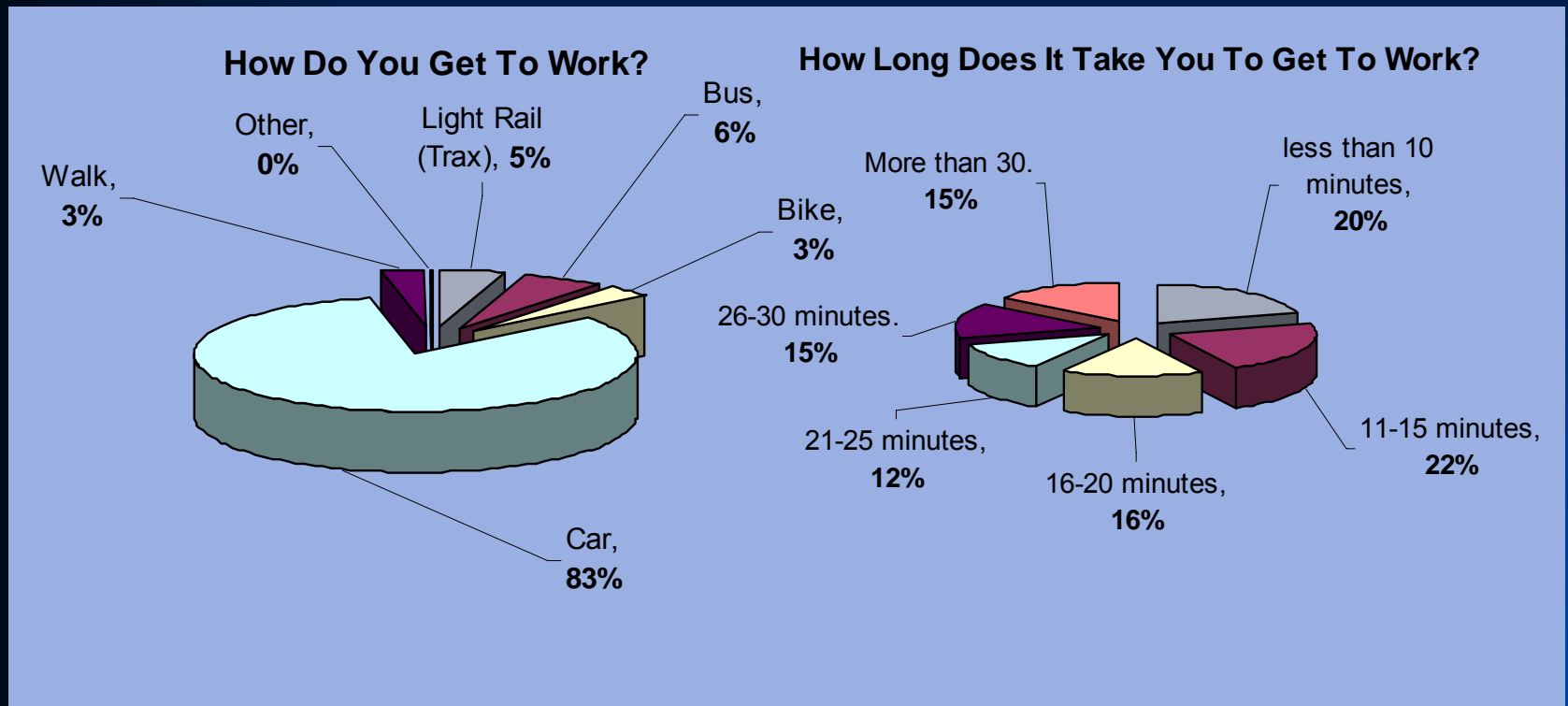
# Faculty & Staff Survey Demographics

Do You Have Dependent Children





# Faculty & Staff Survey Demographics



# Student Survey Participation Times

What time of day would you participate?

TIME OF DAY BY ACTIVITY	BASKETBALL	FREE WEIGHTS	WEIGHT MACHINES	FITNESS / CARDIO	RACQUETBALL	SQUASH	BADMINTON	VOLLEYBALL	LAP SWIM	INDOOR POOL	OUTDOOR SWIM	WATER AEROBICS	INDOOR J.G. / WALK	ROLLER HOCKEY	INDOOR SOCCER	CLIMBING WALL	BOULDERING WALL	OUTDOOR EQUIPMENT	AEROBICS/YOGA/SPIN	MARTIAL ARTS	INDOOR TENNIS	OUTDOOR TENNIS	BABYSITTING SERVICE	JUICE BAR / LOUNGE	LOCKER ROOMS	OUTDR. PASSIVE REC	GAME ROOM	WELLNESS/ASSESSMENT
6-8 am	16	68	69	70	22	5	6	9	60	27	21	29	54	6	6	17	12	12	44	16	13	9	8	20	50	5	6	27
8-12 am	8	55	54	63	18	5	8	8	35	27	26	20	45	6	12	25	15	29	49	19	20	21	11	31	46	11	16	43
12-1 pm	10	23	22	22	11	4	4	5	17	26	30	8	15	3	3	15	8	12	15	8	6	9	3	33	19	15	23	17
1-4 pm	26	84	93	86	34	10	19	24	52	69	116	24	56	16	19	47	32	41	50	21	33	38	9	59	68	39	52	53
4-6 pm	35	72	73	72	43	13	14	25	46	69	71	20	62	18	26	73	46	36	50	19	43	51	18	50	69	52	53	42
6-9 pm	92	144	151	156	98	21	36	72	96	123	89	50	121	46	73	136	94	60	114	52	74	74	33	104	139	112	136	95
9-12 pm	57	97	100	108	54	10	9	33	70	79	56	30	78	15	35	70	48	45	53	27	39	31	18	71	112	72	121	60
<b>Sutotal</b>	<b>244</b>	<b>543</b>	<b>562</b>	<b>577</b>	<b>280</b>	<b>68</b>	<b>96</b>	<b>176</b>	<b>376</b>	<b>420</b>	<b>409</b>	<b>181</b>	<b>431</b>	<b>110</b>	<b>174</b>	<b>383</b>	<b>255</b>	<b>235</b>	<b>375</b>	<b>162</b>	<b>228</b>	<b>233</b>	<b>100</b>	<b>368</b>	<b>503</b>	<b>306</b>	<b>407</b>	<b>337</b>
Percent of Responses	29%	65%	68%	70%	34%	8%	12%	21%	45%	51%	49%	22%	52%	13%	21%	46%	31%	28%	45%	20%	27%	28%	12%	44%	61%	37%	49%	41%
<b>No Response</b>	586	287	268	253	550	762	734	654	454	410	421	649	399	720	656	447	575	595	455	668	602	597	730	462	327	524	423	493
Percent of Responses	71%	35%	32%	30%	66%	92%	88%	79%	55%	49%	51%	78%	48%	87%	79%	54%	69%	72%	55%	80%	73%	72%	88%	56%	39%	63%	51%	59%
<b>TOTAL RESPONSES</b>	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830
<b>Peak User Group</b>	92	144	151	156	98	21	36	72	96	123	116	50	121	46	73	136	94	60	114	52	74	74	33	104	139	112	136	95

 Indicates peak demand

# Faculty & Staff Survey Participation Times

What time of day would you participate?

TIME OF DAY BY ACTIVITY FOR FACULTY	BASKETBALL	FREE WEIGHTS	WEIGHT MACHINES	FITNESS / CARDIO	RACQUETBALL	SQUASH	BADMINTON	VOLLEYBALL	LAP SWIM	INDOOR POOL	OUTDOOR SWIM	WATER AEROBICS	INDOOR JOG / WALK	ROLLER HOCKEY	INDOOR SOCCER	CLIMBING WALL	BOULDERING WALL	OUTDOOR EQUIPMENT	AEROBICS/YOGA/SPIN	MARTIAL ARTS	INDOOR TENNIS	OUTDOOR TENNIS	BABYSITTING SERVICE	JUICE BAR / LOUNGE	LOCKER ROOMS
6-8 am	17	81	91	108	14	7	4	5	58	21	12	28	67	6	2	8	6	10	63	11	8	5	4	30	83
8-12 pm	8	25	34	31	11	4	5	4	13	12	11	9	17	1	1	6	5	9	12	6	12	10	8	9	25
12-1 pm	27	51	61	60	25	5	1	8	36	22	28	12	59	5	7	20	15	12	22	12	14	11	8	22	59
1-4 pm	7	26	30	38	13	2	15	8	25	25	55	7	24	4	5	17	11	15	12	2	12	11	4	12	28
4-6 pm	25	101	114	130	49	15	3	19	76	77	84	57	103	13	12	42	31	46	83	22	33	36	29	54	114
6-9 pm	58	100	112	123	83	20	21	42	71	113	86	45	82	22	24	72	50	48	88	40	56	63	43	55	106
9-12 am	10	14	16	23	9	8	4	8	15	7	7	9	10	5	5	8	7	6	9	8	7	4	5	3	11
Sutotal	152	398	458	513	204	61	53	94	294	277	283	167	362	56	56	173	125	146	289	101	142	140	101	185	426
Percent of Responses	19%	50%	57%	64%	25%	8%	7%	12%	37%	34%	35%	21%	45%	7%	7%	22%	16%	18%	36%	13%	18%	17%	13%	23%	53%
No Response	652	406	346	291	600	743	751	710	510	527	521	637	442	748	748	631	679	658	515	703	662	664	703	619	378
Percent of Responses	81%	50%	43%	36%	75%	92%	93%	88%	63%	66%	65%	79%	55%	93%	93%	78%	84%	82%	64%	87%	82%	83%	87%	77%	47%
TOTAL RESPONSES	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804
Faculty Peak Time	58	101	114	130	83	20	21	42	76	113	86	57	103	22	24	72	50	48	88	40	56	63	43	55	114
Combined Peak Time	58	100	112	123	83	20	21	42	71	113	86	45	82	22	24	72	50	48	88	40	56	63	43	55	106

 Indicates Faculty Peak Time

# Student Survey Participation Frequency

How often would you participate?

FREQUENCY OF ACTIVITY	BASKETBALL	FREE WEIGHTS	WEIGHT MACHINES	FITNESS / CARDIO	RACQUETBALL	SQUASH	BADMINTON	VOLLEYBALL	LAP SWIM	INDOOR POOL	OUTDOOR SWIM	WATER AEROBICS	INDOOR JOG / WALK	ROLLER HOCKEY	INDOOR SOCCER	CLIMBING WALL	BOULDERING WALL	OUTDOOR EQUIPMENT	AEROBICS/YOGA/SPIN	MARTIAL ARTS	INDOOR TENNIS	OUTDOOR TENNIS	BABYSITTING SERVICE	JUICE BAR / LOUNGE	LOCKER ROOMS	OUTDR. PASSIVE REC	GAME ROOM	WELLNESS ASSESSMENT
Daily	5	54	49	85	3	3	3	4	22	15	17	7	58	4	7	25	25	6	35	12	7	7	13	44	130	19	27	31
Actual (7 x per week)	35	378	343	595	21	21	21	28	154	105	119	49	406	28	49	175	175	42	245	84	49	49	91	308	910	133	189	217
% of Respondents	1%	7%	6%	10%	0%	0%	0%	0%	3%	2%	2%	1%	7%	0%	1%	3%	3%	1%	4%	1%	1%	1%	2%	5%	16%	2%	3%	4%
2-4/ week	54	334	347	352	42	8	6	17	102	70	82	43	211	11	34	67	49	24	156	43	43	41	35	116	271	41	81	85
Actual (3 x per week)	162	1002	1041	1056	126	24	18	51	306	210	246	129	633	33	102	201	147	72	468	129	129	123	105	348	813	123	243	255
% of Respondents	7%	40%	42%	42%	5%	1%	1%	2%	12%	8%	10%	5%	25%	1%	4%	8%	6%	3%	19%	5%	5%	5%	4%	14%	33%	5%	10%	10%
Once/ week	81	116	123	101	71	15	23	44	141	134	137	46	111	20	59	111	73	44	117	42	57	61	10	124	92	53	132	79
Actual (1 x per week)	81	116	123	101	71	15	23	44	141	134	137	46	111	20	59	111	73	44	117	42	57	61	10	124	92	53	132	79
% of Respondents	10%	14%	15%	12%	9%	2%	3%	5%	17%	16%	17%	6%	13%	2%	7%	13%	9%	5%	14%	5%	7%	7%	1%	15%	11%	6%	16%	10%
Once/Month	106	52	53	59	163	20	45	108	124	215	191	74	64	53	64	189	107	200	76	48	117	120	12	94	55	208	180	158
% of Respondents	13%	6%	6%	7%	20%	2%	5%	13%	15%	26%	23%	9%	8%	6%	8%	23%	13%	24%	9%	6%	14%	14%	1%	11%	7%	25%	22%	19%
Actual (0.0333 x per week)	4	2	2	2	5	1	2	4	4	7	6	2	2	2	2	6	4	7	3	2	4	4	0	3	2	7	6	5
Never	425	173	163	143	388	586	555	469	297	261	260	483	260	553	496	296	405	381	303	503	437	430	570	297	159	345	280	326
% of Respondents	51%	21%	20%	17%	47%	71%	67%	57%	36%	31%	31%	58%	31%	67%	60%	36%	49%	46%	37%	61%	53%	52%	69%	36%	19%	42%	34%	39%
No Response	159	101	95	90	163	198	198	188	144	135	143	177	126	189	170	142	171	175	143	182	169	171	190	155	123	164	130	151
% of Respondents	19%	12%	11%	11%	20%	24%	24%	23%	17%	16%	17%	21%	15%	23%	20%	17%	21%	21%	17%	22%	20%	21%	23%	19%	15%	20%	16%	18%
TOTAL RESPONSES	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830
% of Respondents	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PROJECTION OF WEEKLY VISITS:	282	1498	1509	1754	223	61	64	127	605	456	508	226	1152	83	212	493	399	165	833	257	239	237	206	783	1817	316	570	556
DAILY VISITS:	40	214	216	251	32	9	9	18	86	65	73	32	165	12	30	70	57	24	119	37	34	34	29	112	260	45	81	79
(weekly divided by 7)																												

# Faculty & Staff Survey Participation Frequency

How often would you participate?

FREQUENCY OF ACTIVITY FOR FACULTY	BASKETBALL	FREE WEIGHTS	WEIGHT MACHINES	FITNESS / CARDIO	RACQUETBALL	SQUASH	BADMINTON	VOLLEYBALL	LAP SWIM	INDOOR POOL	OUTDOOR SWIM	WATER AEROBICS	INDOOR JOG / WALK	ROLLER HOCKEY	INDOOR SOCCER	CLIMBING WALL	BOULDERING WALL	OUTDOOR EQUIPMENT	AEROBICS/YOGA/SPIN	MARTIAL ARTS	INDOOR TENNIS	OUTDOOR TENNIS	BABYSITTING SERVICE	JUICE BAR / LOUNGE	LOCKER ROOMS
Daily	0	31	37	65	3	0	4	2	26	11	15	3	46	1	2	10	8	3	15	8	4	2	14	18	118
Actual (7 x per week)	0	217	259	455	21	0	28	14	182	77	105	21	322	7	14	70	56	21	105	56	28	14	98	126	826
% of Respondents	0%	4%	5%	8%	0%	0%	0%	0%	3%	1%	2%	0%	6%	0%	0%	1%	1%	0%	2%	1%	0%	0%	2%	2%	15%
2-4/ week	26	290	348	387	47	8	5	7	126	74	73	68	215	5	9	40	31	10	156	27	33	23	37	79	310
Actual (3 x per week)	78	870	1044	1161	141	24	15	21	378	222	219	204	645	15	27	120	93	30	468	81	99	69	111	237	930
% of Respondents	3%	36%	43%	48%	6%	1%	1%	1%	16%	9%	9%	8%	27%	1%	1%	5%	4%	1%	19%	3%	4%	3%	5%	10%	39%
Once/ week	33	78	96	91	57	14	7	13	96	93	91	60	107	7	10	44	30	22	100	36	40	39	26	61	63
Actual (1 x per week)	33	78	96	91	57	14	7	13	96	93	91	60	107	7	10	44	30	22	100	36	40	39	26	61	63
% of Respondents	4%	10%	12%	11%	7%	2%	1%	2%	12%	12%	11%	7%	13%	1%	1%	5%	4%	3%	12%	4%	5%	5%	3%	8%	8%
Once/Month	46	27	35	38	107	19	19	58	87	139	141	31	52	17	21	84	54	209	52	28	70	76	25	62	42
% of Respondents	6%	3%	4%	5%	13%	2%	2%	7%	11%	17%	18%	4%	6%	2%	3%	10%	7%	26%	6%	3%	9%	9%	3%	8%	5%
Actual (0.0333 x per week)	2	1	1	1	4	1	1	2	3	5	5	1	2	1	1	3	2	7	2	1	2	3	1	2	1
Never	408	202	132	110	322	442	443	403	243	248	233	343	189	443	435	349	367	271	231	400	360	352	390	300	102
% of Respondents	51%	25%	16%	14%	40%	55%	55%	50%	30%	31%	29%	43%	24%	55%	54%	43%	46%	34%	29%	50%	45%	44%	49%	37%	13%
No Response	291	176	156	113	268	321	326	321	226	239	251	299	195	331	327	277	314	289	250	305	297	312	312	284	169
% of Respondents	36%	22%	19%	14%	33%	40%	41%	40%	28%	30%	31%	37%	24%	41%	41%	34%	39%	36%	31%	38%	37%	39%	39%	35%	21%
TOTAL RESPONSES	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804	804
% of Respondents	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PROJECTION OF WEEKLY VISITS:	113	1166	1400	1708	223	39	51	50	659	397	420	286	1076	30	52	237	181	80	675	174	169	125	236	426	1820
DAILY VISITS:	16	167	200	244	32	6	7	7	94	57	60	41	154	4	7	34	26	11	96	25	24	18	34	61	260

(weekly divided by 7)

# Student Estimate of Peak Participation

Fall '03 Student Population		
Undergraduate Students	21,933	79%
Graduate Students	5,983	21%
Main Campus Students	27,916	100%
Satellite Campus Students	521	
<b>TOTAL ENROLLMENT</b>	<b>28,437</b>	

Demographics of Survey Residents			
Full-Time	668	80%	
Part-Time	150	18%	
No Response	12	1%	
<b>TOTAL</b>	<b>830</b>	<b>100%</b>	

Freshman	64	8%	under
Sophomore	136	16%	grads
Junior	190	23%	74%
Senior	228	27%	
Graduate	199	24%	
No Response	13	2%	
<b>TOTAL</b>	<b>830</b>	<b>100%</b>	

Fall '03 Faculty / Staff	
Campus Faculty	2,750
Staff	11,500
<b>Campus Staff / Faculty</b>	<b>14,250</b>

Travel Time to Campus			Inside Service Area		Outside Service Area	
Less than 10 minutes	172	23%	23%			
11 to 15 minutes	149	20%	20%			
16 to 20 minutes	121	16%	16%			
21 to 25 minutes	84	11%	11%			
26 to 30 minutes	98	13%		13%		
More than 30 minutes	138	18%		18%		
<b>TOTALS</b>	<b>762</b>	<b>100%</b>	<b>69%</b>		<b>31%</b>	

Total Enrollment is:	28,437	x	69% of Students with a 25 min. or less commute to campus	= Potential User Group of	19,630
Total Survey Responses =	830	Representing	4.2% of the Potential User Group		

PEAK DEMAND	BASKETBALL	FREE WEIGHTS	WEIGHT MACHINES	FITNESS/ CARDIO	RACQUETBALL	SQUASH	BADMINTON	VOLLEYBALL	LAP SWIM	INDOOR POOL	OUTDOOR SWIM	WATER AEROBICS	INDOOR JOG / WALK	ROLLER HOCKEY	INDOOR SOCCER	CLIMBING WALL	BOULDERING WALL	OUTDOOR EQUIPMENT	AEROBICS/YOGA/SIN	MARTIAL ARTS	INDOOR TENNIS	OUTDOOR TENNIS	BABYSITTING SERVICE	JUICE BAR / LOUNGE	LOCKER ROOMS	OUTDR. PASSIVE REC	GAME ROOM	WELLNESS/ASSESSMENT
	92	144	151	156	98	21	36	72	96	123	116	50	121	46	73	136	94	60	114	52	74	74	33	104	139	112	136	95
Peak Participation Response % of Survey Respondents (Peak Group divided by 830)	11%	17%	18%	19%	12%	3%	4%	9%	12%	15%	14%	6%	15%	6%	9%	16%	11%	7%	14%	6%	9%	9%	4%	13%	17%	13%	16%	11%
Projection of Daily Visits	40	214	216	251	32	9	9	18	86	65	73	32	165	12	30	70	57	24	119	37	34	34	29	112	260	45	81	79
Projection of Peak Visits	4.46	37.1	39.2	47.1	3.77	0.22	0.39	1.57	10	9.66	10.1	1.95	24	0.66	2.67	11.5	6.45	1.7	16.3	2.3	3.04	3.02	1.17	14	43.5	6.09	13.3	9.1
Projection of Peak Visits for Total User Group	105	878	927	1114	89	5	9	37	236	228	240	46	567	15	63	273	153	40	386	54	72	71	28	332	1028	144	316	215
Crossover Group Respondents in this Crossover Group may participate in all three activities during one visit.																												

# Faculty & Staff Estimate of Peak Participation

Fall '03 Faculty / Staff		
Campus Faculty	2,750	19%
Staff	11,500	81%
Main Campus Students	14,250	100%
Satellite Campus	Included above	
<b>TOTAL</b>	<b>14,250</b>	

Demographics of Survey Respondents		
Staff	579	72.0%
Faculty	204	25.4%
No Response	21	2.6%
<b>TOTAL</b>	<b>804</b>	<b>100.0%</b>

Travel Time to Campus			Inside Service Area	
Less than 10 minutes	161	20%	20.0%	Outside Service Area
11 to 15 minutes	173	22%	21.5%	
16 to 20 minutes	125	16%	15.5%	
21 to 25 minutes	97	12%	12.1%	
26 to 30 minutes	116	14%	14.4%	
More than 30 minutes	116	14%	14.4%	
Blank	16	2%		
<b>TOTALS</b>	<b>804</b>	<b>100%</b>	<b>69.2%</b>	<b>28.9%</b>

Total Faculty / Staff =	14,250	x	69% of Faculty/Staff with a 25 min. or less commute to campus	= Potential User Group of	9,854
Total Survey Responses =	804		Representing	8.2% of the Potential User Group	

PEAK DEMAND	BASKETBALL	FREE WEIGHTS	WEIGHT MACHINES	FITNESS / CARDIO	RACQUETBALL	SQUASH	BADMINTON	VOLLEYBALL	LAP SWIM	INDOOR POOL	OUTDOOR SWIM	WATER AEROBICS	INDOOR JOG / WALK	ROLLER HOCKEY	INDOOR SOCCER	CLIMBING WALL	BOULDERING WALL	OUTDOOR EQUIPMENT	AEROBICS/YOGA/SPIN	MARTIAL ARTS	INDOOR TENNIS	OUTDOOR TENNIS	BABYSITTING SERVICE	JUICE BAR / LOUNGE	LOCKER ROOMS
Peak Participation Response	58	101	114	130	83	20	21	42	76	113	86	57	103	22	24	72	50	48	88	40	56	63	43	55	114
% of Survey Respondents (Peak Group divided by 830)	7%	13%	14%	16%	10%	2%	3%	5%	9%	14%	11%	7%	13%	3%	3%	9%	6%	6%	11%	5%	7%	8%	5%	7%	14%
Projection of Daily Visits	16	167	200	244	32	6	7	7	94	57	60	41	154	4	7	34	26	11	96	25	24	18	34	61	260
Projection of Peak Visits	1.1597	20.923	28.362	39.459	3.2823	0.1373	0.1889	0.3726	8.8977	7.9637	6.4133	2.8969	19.687	0.1156	0.2205	3.0294	1.6063	0.68202	10.55	1.2362	1.6849	1.394	1.8019	4.1638	36.874
Projection of Peak Visits for Total User Group	14	256	348	484	40	2	2	5	109	98	79	36	241	1	3	37	20	8	129	15	21	17	22	51	452
Crossover Group Respondents in this Crossover Group may participate in all three activities during one visit.																									



# Student Estimate of Peak User Group

Estimate of Peak-Time Program Need

PEAK DEMAND	BASKETBALL	FREE WEIGHTS	WEIGHT MACHINES	FITNESS / CARDIO	RACQUETBALL	SQUASH	BADMINTON	VOLLEYBALL	LAP SWIM	INDOOR POOL	OUTDOOR SWIM	WATER AEROBICS	INDOOR JOG / WALK	ROLLER HOCKEY	INDOOR SOCCER	CLIMBING WALL	BOULDERING WALL	OUTDOOR EQUIPMENT	AEROBICS/YOGA/SPIN	MARTIAL ARTS	INDOOR TENNIS	OUTDOOR TENNIS	BABYSITTING SERVICE	JUICE BAR / LOUNGE	LOCKER ROOMS	OUTDOOR PASSIVE REC	GAME ROOM	WELLNESS/ASSESSMENT
Hourly Activity Duration	1.00	0.50	0.50	0.50	1.00	1.00	1.00	1.00	0.50	0.50	1.00	1.00	0.33	1.00	1.00	1.00	0.50	N/A	1.00	1.00	1.00	1.00	1.00	1.00	0.50	1.50	1.00	1.00
Peak Time Slot	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	1-4 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm
Peak Time Duration	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr
Peak Time Turnovers	3	6	6	6	3	3	3	3	6	6	3	3	9	3	3	3	6	N/A	3	3	3	3	3	3	6	2	3	3
Peak User Group	105	878	927	1114	89	5	9	37	236	228	240	46	567	15	63	273	153	40	386	54	72	71	28	332	1028	144	316	215
Simultaneous Users	36	147	155	186	30	2	4	13	40	39	81	16	63	6	22	92	26	N/A	129	19	24	24	10	111	172	73	106	72
Crossover Factor *	0.60	89	93	112																								

\* The user group projection for these categories has been reduced to allow for a single user crossing over from one activity to another during a single visit.

# Faculty & Staff Estimate of Peak User Group

Estimate of Peak-Time Program Need - Faculty

PEAK DEMAND	BASKETBALL	FREE WEIGHTS	WEIGHT MACHINES	FITNESS / CARDIO	RACQUETBALL	SQUASH	BADMINTON	VOLLEYBALL	LAP SWIM	INDOOR POOL	OUTDOOR SWIM	WATER AEROBICS	INDOOR JOG / WALK	ROLLER HOCKEY	INDOOR SOCCER	CLIMBING WALL	BOULDERING WALL	OUTDOOR EQUIPMENT	AEROBICS/YOGA/SPIN	MARTIAL ARTS	INDOOR TENNIS	OUTDOOR TENNIS	BABYSITTING SERVICE	JUICE BAR / LOUNGE	LOCKER ROOMS
Hourly Activity Duration	1.00	0.50	0.50	0.50	1.00	1.00	1.00	1.00	0.50	0.50	1.00	1.00	0.33	1.00	1.00	1.00	0.50	N/A	1.00	1.00	1.00	1.00	1.00	1.00	0.50
Peak Time Slot	6-9 pm	4-6 pm	4-6 pm	4-6 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	4-6 pm	6-9 pm	6-9 pm	4-6 pm	4-6 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	6-9 pm	4-6 pm
Peak Time Duration	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr
Peak Time Turnovers	3	6	6	6	3	3	3	3	6	6	3	3	9	3	3	3	6	N/A	3	3	3	3	3	3	6
Peak User Group	14	256	348	484	40	2	2	5	109	98	79	36	241	1	3	37	20	8	129	15	21	17	22	51	452
Simultaneous Users	5	43	58	81	14	1	1	2	19	17	27	12	27	1	1	13	4	N/A	44	6	7	6	8	18	76
Crossover Factor *	0.60	26	35	49																					

\* The user group projection for these categories has been reduced to allow for a single user crossing over from one activity to another during a single visit.

# Total Estimate of Peak User Group

	STUDENT DEMAND at 6-9pm										830 Students that represent 4.2% of the Student User Group																			
	BASKETBALL	FREE WEIGHTS	WEIGHT MACHINES	FITNESS / CARDIO	RACQUETBALL	SQUASH	BADMINTON	VOLLEYBALL	LAP SWIM	INDOOR POOL	OUTDOOR SWIM	WATER AEROBICS	INDOOR JOG / WALK	ROLLER HOCKEY	INDOOR SOCCER	CLIMBING WALL	BOULDERING WALL	OUTDOOR EQUIPMENT	AEROBICS/YOGA/SPIN	MARTIAL ARTS	INDOOR TENNIS	OUTDOOR TENNIS	BABYSITTING SERVICE	JUICE BAR / LOUNGE	LOCKER ROOMS	OUTDR. PASSIVE REC	GAME ROOM	WELLNESS/ASSESSMENT		
6-9pm Student Responses	92	144	151	156	98	21	36	72	96	123	89	50	121	46	73	136	94	60	114	52	74	74	33	104	139	112	136	95		
% of Student Group of 830	11%	17%	18%	19%	12%	3%	4%	9%	12%	15%	11%	6%	15%	6%	9%	16%	11%	7%	14%	6%	9%	9%	4%	13%	17%	13%	16%	11%		
Survey Daily Visits	40	214	216	251	32	9	9	18	86	65	73	32	165	12	30	70	57	24	119	37	34	34	29	112	260	45	81	79		
Estimate of 6-9 Peak Visits	4.458	37.12	39.21	47.09	3.769	0.219	0.393	1.569	9.999	9.657	7.787	1.949	23.99	0.655	2.665	11.55	6.448	1.701	16.34	2.297	3.043	3.019	1.172	14.02	43.47	6.09	13.34	9.096		
Student Projection	105	878	927	1114	89	5	9	37	236	228	184	46	567	15	63	273	153	40	386	54	72	71	28	332	1028	144	316	215		
Activity Duration	1.00	0.50	0.50	0.50	1.00	1.00	1.00	1.00	0.50	0.50	1.00	1.00	0.33	1.00	1.00	1.00	0.50	N/A	1.00	1.00	1.00	1.00	1.00	1.00	0.50	1.50	1.00	1.00		
Peak Time Duration	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr		
Peak Time Turnovers	3	6	6	6	3	3	3	3	6	6	3	3	9	3	3	3	6	N/A	3	3	3	3	3	3	6	2	3	3		
Peak User Group	105	878	927	1114	89	5	9	37	236	228	184	46	567	15	63	273	153	40	386	54	72	71	28	332	1028	144	316	215		
Student Peak Users	36	147	155	186	30	2	4	13	40	39	62	16	63	6	22	92	26	N/A	129	19	24	24	10	111	172	73	106	72		
Crossover Factor *	0.60	89	93	112																										
FACULTY DEMAND at 6-9pm										804 Faculty / Staff representing 8.2% of the Faculty User Group																				
6-9pm Faculty/Staff	58	100	112	123	83	20	21	42	71	113	86	45	82	22	24	72	50	48	88	40	56	63	43	55	106	59	71	78		
% of Student Group of 830	7%	12%	14%	15%	10%	2%	3%	5%	9%	14%	11%	6%	10%	3%	3%	9%	6%	6%	11%	5%	7%	8%	5%	7%	13%	7%	9%	10%		
Survey Daily Visits	16	167	200	244	32	6	7	7	94	57	60	41	154	4	7	34	26	11	96	25	24	18	34	61	260	10	19	57		
Estimate of 6-9 Peak Visits	1.16	20.72	27.86	37.33	3.282	0.137	0.189	0.373	8.312	7.964	6.413	2.287	15.67	0.116	0.22	3.029	1.606	0.682	10.55	1.236	1.685	1.394	1.802	4.164	34.29	0.733	1.718	5.486		
Student Projection	14	254	342	458	40	2	2	5	102	98	79	28	192	1	3	37	20	8	129	15	21	17	22	51	420	9	21	67		
Activity Duration	1.00	0.50	0.50	0.50	1.00	1.00	1.00	1.00	0.50	0.50	1.00	1.00	0.33	1.00	1.00	1.00	0.50	N/A	1.00	1.00	1.00	1.00	1.00	1.00	0.50	1.50	1.00	1.00		
Peak Time Duration	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr	3hr		
Peak Time Turnovers	3	6	6	6	3	3	3	3	6	6	3	3	9	3	3	3	6	N/A	3	3	3	3	3	3	6	2	3	3		
Peak User Group	14	254	342	458	40	2	2	5	102	98	79	28	192	1	3	37	20	8	129	15	21	17	22	51	420	9	21	67		
Faculty/Staff Peak Users	5	43	57	77	14	1	1	2	17	17	27	10	22	1	1	13	4	N/A	44	6	7	6	8	18	71	5	8	23		
Crossover Factor *	0.60	26	35	47																										
TOTAL 6-9pm USERS	41	115	128	159	44	3	5	15	57	56	89	26	85	7	23	105	30	N/A	173	25	31	30	18	129	243	78	114	95		

# Student Program Need for Peak User Group

ACTIVITY	Type of Participation	Unit Participation	Projected Participants	Unit Need	Total Need	Required Unit Area	Required Total Area
FITNESS							
FREE WEIGHTS	Individual	1	89	89 stations	89	65 SF	5,785 SF
WEIGHT MACHINES	Individual	1	93	93 stations	93	55 SF	5,115 SF
FITNESS/ CARDIO	Individual	1	112	112 stations	112	55 SF	6,160 SF
AEROBICS/YOGA/SPIN	Individual	1	129	129 stations	129	50 SF	6,450 SF
MARTIAL ARTS	Individual	1	19	19	19	50 SF	950 SF
CLIMBING WALL	Individual	1	92	1 wall	1	900 SF	900 SF
BOULDERING WALL	Individual	1	26	1 wall	1	800 SF	800 SF
TOTAL							26,160 SF
GYMNASIUM / COURTS							
BASKETBALL	Team	20 players	36	1.8 courts	2	7,788 SF	15,576 SF
VOLLEYBALL	Team	20 players	13	0.7 courts	1	7,000 SF	7,000 SF
INDOOR JOG / WALK	Individual	1	63	1 track	within 3-court gym		5,400 SF
RACQUETBALL	Team	4 players	30	7.5 courts	8	800 SF	6,400 SF
SQUASH	Team	4 players	2	0.5 courts	1	Not sufficient need	
BADMINTON	Team	4 players	4	1 courts	1	In Volleyball	
ROLLER HOCKEY	Team	20 players	6	0.3 courts	Not sufficient need		
INDOOR SOCCER	Team	20 players	22	1.1 courts	1	9,600 SF	9,600 SF
INDOOR TENNIS	Team	4 players	24	6 courts	6	30,240 SF	
TOTAL							74,216 SF

# Faculty & Staff Program Need for Peak User Group

ACTIVITY	Type of Participation	Unit Participation	Projected Participants	Unit Need	Total Need	Required Unit Area	Required Total Area
<b>FITNESS</b>							
FREE WEIGHTS	Individual	1	26	26 stations	26	65 SF	1,690 SF
WEIGHT MACHINES	Individual	1	35	35 stations	35	55 SF	1,925 SF
FITNESS / CARDIO	Individual	1	49	49 stations	49	55 SF	2,695 SF
AEROBICS / YOGA / SPIN	Individual	1	44	44 stations	44	50 SF	2,200 SF
MARTIAL ARTS	Individual	1	6	6	6	50 SF	300 SF
CLIMBING WALL	Individual	1	13	1 wall	1	900 SF	900 SF
BOULDERING WALL	Individual	1	4	1 wall	1	800 SF	800 SF
<b>TOTAL</b>							<b>10,510 SF</b>
<b>GYMNASIUM / COURTS</b>							
BASKETBALL	Team	20 players	5	0.3 courts	1	7,500 SF	7,500 SF
VOLLEYBALL	Team	20 players	2	0.1 courts	1		Not sufficient need
INDOOR / JOG / WALK	Individual	1	27	1 track	within 3-court gym		5,400 SF
RACQUETBALL	Team	4 players	14	3.5 courts	4	800 SF	3,200 SF
SQUASH	Team	4 players	1	0.25 courts	1		Not sufficient need
BADMINTON	Team	4 players	1	0.25 courts	1		In Volleyball
ROLLER HOCKEY	Team	20 players	1	0.05 courts			Not sufficient need
INDOOR SOCCER	Team	20 players	1	0.05 courts	1		Not sufficient need
INDOOR TENNIS	Team	4 players	7	1.75 courts	2		30,240 SF
<b>TOTAL</b>							<b>46,340 SF</b>

# Total Program Need for Peak User Group

ACTIVITY	Participation	Participation	Participants	Need	Need	Unit Area	Total Area
<b>FITNESS</b>							
FREE WEIGHTS	Individual	1	115	115 stations	115	65 SF	7,475 SF
WEIGHT MACHINES	Individual	1	128	128 stations	128	55 SF	7,040 SF
FITNESS / CARDIO	Individual	1	159	159 stations	159	55 SF	8,745 SF
AEROBICS/YOGA/SPIN	Individual	1	173	173 stations	173	50 SF	8,650 SF
MARTIAL ARTS	Individual	1	25	25	25	50 SF	1,250 SF
CLIMBING WALL	Individual	1	105	1 wall	1	900 SF	900 SF
BOULDERING WALL	Individual	1	30	1 wall	1	800 SF	800 SF
<b>TOTAL</b>							<b>34,860 SF</b>
<b>GYMNASIUM / COURTS</b>							
BASKETBALL	Team	20 players	41	2.1 courts	2	7,788 SF	15,576 SF
VOLLEYBALL	Team	20 players	15	0.8 courts	1	7,788 SF	7,788 SF
INDOOR JOG / WALK	Individual	1	85	1 track	within 3-court gym		5,400 SF
RACQUETBALL	Team	4 players	44	11 courts	11	800 SF	8,800 SF
SQUASH	Team	4 players	3	0.8 courts	1	Not sufficient need	
BADMINTON	Team	4 players	5	1.3 courts	1	Accommodated in Basketball	
ROLLER HOCKEY	Team	20 players	7	0.4 courts		Not sufficient need	
INDOOR SOCCER	Team	20 players	23	1.2 courts	1	9,600 SF	9,600 SF
INDOOR TENNIS	Team	4 players	31	7.8 courts	8		30,240 SF
<b>TOTAL</b>							<b>77,404 SF</b>

# Program Areas and Construction Cost

COMMON SPACES	7,800SF	\$1,105,000
AQUATICS ACTIVITY SPACE	16,980SF	\$3,554,575
RECREATION ACTIVITY SPACE	69,798SF	\$9,339,230
SUPPORT FACILITIES	16,420SF	\$2,169,500
WELLNESS SERVICES	1,680SF	\$247,200
ADMINISTRATIVE / SUPPORT	5,262SF	\$709,370
<hr/>		
TOTAL BUILDING NASF	117,940SF	\$17,124,875
CIRC / WALLS / MECH	39,313SF	\$5,307,300
<hr/>		
TOTAL GSF & BUDGET	157,253SF	\$22,432,175

# Program Areas Shortages

## ■ Provided

- Fitness 17,000 SF
- Aerobics 4,500 SF
- Martial Arts 900 SF
- Racquetball (2 Courts)
- Tennis (0 Courts)

## ■ Need

- 23,000 SF
- 8,650 SF
- 1,250 SF
- 11 Courts
  - Existing facilities Meet Need
- 8 Courts
  - Existing Facilities Meet Need



# Total Project Cost

SITE COSTS (estimated)		<b>\$750,000</b>
EXISTING BUILDING DEMO (estimated)		<b>\$1,000,000</b>
DESIGN CONTINGENCY		<b>\$1,121,609</b>
<hr/>		
TOTAL CONSTRUCTION COST		<b>\$25,303,784</b>
FEES	8.0% of construction cost	<b>\$2,024,303</b>
FF&E	5.0% of construction cost	<b>\$1,265,189</b>
ADMINISTRATIVE FEES	5.0% of construction cost	<b>\$1,265,189</b>
CONSTRUCTION CONTINGENCY	5.0% of construction cost	<b>\$1,265,189</b>
TOTAL PROJECT COST		<b>\$31,123,654</b>

# Estimate of Student Fee per Semester

**\$60/SF**

**OPTION "B"**

**157,253SF**

**FACILITY**

157,253SF x \$5/SF O&M (operation&maint.) = \$786,267

157,253SF x \$0.50/SF Utility Cost Increase = \$78,627

SUBTOTAL FOR OPERATIONS, MAINTENANCE AND UTILITY COSTS \$864,893

\$864,893 / 65,000 Annual Student Payments = **\$13.31 / Semester Fee**

TOTAL PROJECT COST \$31,123,654

Bonding Rate 5% @ 30 years = Annual Debt \$2,024,638

\$2,024,638 / 65,000 Annual Student Payments = **\$31.15 / Semester Fee**

REC FEE = **\$15.00 / Semester Fee**

**TOTAL STUDENT FEE REQUIREMENT = \$59.45 / Semester Fee**

A photograph of a large, modern university building with red brick walls and white architectural accents. The building features a prominent circular section with a white roof and a series of arched windows. A large archway is visible on the left side of the building. A person is walking in the foreground on the left, and a few other people are visible near the entrance of the building. The sky is clear and blue.

# University of Utah Student Survey Analysis

March 31, 2004